

AMENDMENTS TO THE CLAIMS

Please cancel claims 13, 14 and 16 without prejudice or disclaimer, amend claims 1, 5, 8 thru 11, 17 and 20, and add claims 21 thru 38, as follows:

1 1. (Currently Amended) An assembly for supporting a mask frame [to] with a
2 stud of a panel in a cathode ray tube having a longitudinal tube axis, comprising:

3 a rectangular rim formed on said mask frame [having a rectangular rim] and
4 disposed in parallel with said tube axis, said rectangular rim having a flange vertically
5 extending from a rear end of said rectangular rim toward said tube axis and perpendicular
6 to said tube axis;

7 a shadow mask having a skirt fixed on an inside surface of a front end of said
8 rectangular rim, and having a first plane perpendicular to said tube axis and passing
9 through a central surface of said shadow mask; and

10 a bracket having a suspending arm joined by a connecting arm to a fixing arm, said
11 suspending arm and said fixing arm being spaced apart from each other and disposed in
12 parallel with said tube axis;

13 said suspending arm being provided with a hole coupled to said stud;

14 said fixing arm being fixed on an outside surface of said rectangular rim of said
15 mask frame; and

16 said connecting arm having a second plane substantially parallel to said first plane
17 of said shadow mask and spaced apart from said first plane of said shadow mask by a first

18 distance, said first distance being greater than a second distance between said first plane
19 of said shadow mask and a third plane passing through a center line of said stud.

1 2. (Original) The assembly of claim 1, wherein said connecting arm is
2 perpendicular to both said fixing arm and said suspending arm.

1 3. (Original) The assembly of claim 2, said connecting arm having a length of
2 about 5-40 mm.

1 4. (Original) The assembly of claim 1, said connecting arm having a
2 characteristic for absorbing vibration transmitted from both said mask frame and said
3 panel and offsetting the vibration.

1 5. (Currently Amended) The assembly of claim 1, wherein said suspending arm,
2 said connecting arm, and said fixing arm are made in a single body [and] comprising a
3 flat plate.

1 6. (Original) The assembly of claim 1, said connecting arm being wave-shaped.

2 7. (Original) The assembly of claim 1, said suspending arm and said fixing arm
3 being flat plates spaced apart from each other by about 5-40 mm.

1 8. (Currently Amended) The assembly of claim 1, further comprising a bent
2 portion formed between said suspending arm and said connecting arm and being round.

1 9. (Currently Amended) The assembly of claim 1, said flange of said mask frame
2 [placed on] being positioned in said second plane of said connecting arm.

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1 10. (Currently Amended) The assembly of claim 1, said skirt of said shadow
2 mask being closer to said third plane of said stud than to said second plane of said
3 connecting arm.

1 11. (Currently Amended) An assembly in a picture tube having a longitudinal
2 tube axis, comprising:

3 a mask frame [being] having a rectangular rim parallel to said tube axis;

4 a shadow mask having a skirt fixed on an inside surface of said rectangular rim,
5 and having a first plane perpendicular to said tube axis and passing through a central
6 surface of said shadow mask;

7 a stud formed on and extending inwardly from a sidewall of a panel of said picture
8 tube; and

9 a bracket having a suspending arm joined by a connecting arm to a fixing arm, said
10 bracket being made in a single body, said suspending arm and said fixing arm being flat

11 plates and parallel to each other;

12 said fixing arm being fixed on an outside surface of said rectangular rim of said
13 mask frame opposite to said shadow mask while said suspending arm is coupled to said
14 stud; and

15 said connecting arm having a second plane substantially parallel to said first plane
16 and spaced apart from said first plane by a first distance greater than a second distance
17 between said first plane of said shadow mask and a third plane passing through a center
line of said stud, said connecting arm being wave shaped.

1 12. (Original) The assembly of claim 11, said suspending arm and said fixing arm
2 being parallel to said tube axis and perpendicular to said connecting arm.

Claims 13 and 14. (Canceled)

1 15. (Original) The assembly of claim 11, said connecting arm having a
2 characteristic for absorbing vibration transmitted from both said panel and said mask
3 frame and offsetting said vibration.

Claim 16. (Canceled)

1 17. (Currently Amended) The assembly of claim 11, said bracket having a bent

2 portion formed between said connecting arm and any one of said suspending arm and said
3 fixing portion.

1 18. (Original) The assembly of claim 11, said connecting arm having a length of
2 about 5-40 mm.

1 19. (Original) The assembly of claim 11, said suspending arm and said fixing arm
2 being spaced apart from each other by about 5-40 mm.

1 20. (Currently Amended) The assembly of claim 11, said bracket having an
2 opening formed between free ends of said suspending arm and said fixing arm, said
3 opening being opposite to said connecting arm, said stud being disposed between said
4 opening and said connecting arm.

1 21. (New) The assembly of claim 11, said mask frame including a flange
2 extending from a rear end of said rectangular rim toward said tube axis and disposed in
3 said second plane of said connecting arm.

1 22. (New) The assembly of claim 11, said skirt of said shadow mask being closer
2 to said third plane of said stud than to said second plane of said connecting arm.

1 23. (New) An assembly in a picture tube having a longitudinal tube axis,
2 comprising:

3 a mask frame having a rectangular rim parallel to said tube axis;

4 a shadow mask having a skirt fixed on an inside surface of said rectangular rim,
5 and having a first plane perpendicular to said tube axis and passing through a central
6 surface of said shadow mask;

7 a stud formed on and extending inwardly from a sidewall of a panel of said picture
8 tube; and

9 a bracket having a suspending arm joined by a connecting arm to a fixing arm, said
10 bracket being made in a single body, said suspending arm and said fixing arm being flat
11 plates and parallel to each other;

12 said fixing arm being fixed on an outside surface of said rectangular rim of said
13 mask frame opposite to said shadow mask while said suspending arm is coupled to said
14 stud;

15 said connecting arm having a second plane substantially parallel to said first plane
16 and spaced apart from said first plane by a first distance greater than a second distance
17 between said first plane of said shadow mask and a third plane passing through a center
18 line of said stud; and

19 said mask frame including a flange extending from a rear end of said rectangular
20 rim toward said tube axis and disposed in said second plane of said connecting arm.

1 24. (New) The assembly of claim 23, said suspending arm and said fixing arm
2 being parallel to said tube axis and perpendicular to said connecting arm.

1 25. (New) The assembly of claim 23, said connecting arm being one of U shaped,
2 wave shaped, and right angled relative to said fixing arm.

1 26. (New) The assembly of claim 23, said connecting arm having a characteristic
2 for absorbing vibration transmitted from both said panel and said mask frame and
3 offsetting said vibration.

1 27. (New) The assembly of claim 23, said bracket having a bent portion formed
2 between said connecting arm and any one of said suspending arm and said fixing portion.

1 28. (New) The assembly of claim 23, said connecting arm having a length of
2 about 5-40 mm.

1 29. (New) The assembly of claim 23, said suspending arm and said fixing arm
2 being spaced apart from each other by about 5-40 mm.

1 30. (New) The assembly of claim 23, said bracket having an opening formed
2 between free ends of said suspending arm and said fixing arm, said opening being

opposite to said connecting arm, said stud being disposed between said opening and said connecting arm.

31. (New) An assembly in a picture tube having a longitudinal tube axis, comprising:

a mask frame having a rectangular rim parallel to said tube axis;

a shadow mask having a skirt fixed on an inside surface of said rectangular rim, and having a first plane perpendicular to said tube axis and passing through a central surface of said shadow mask;

a stud formed on and extending inwardly from a sidewall of a panel of said picture tube; and

a bracket having a suspending arm joined by a connecting arm to a fixing arm, said bracket being made in a single body, said suspending arm and said fixing arm being flat plates and parallel to each other;

said fixing arm being fixed on an outside surface of said rectangular rim of said mask frame opposite to said shadow mask while said suspending arm is coupled to said stud;

said connecting arm having a second plane substantially parallel to said first plane and spaced apart from said first plane by a first distance greater than a second distance between said first plane of said shadow mask and a third plane passing through a center line of said stud; and

19 said skirt of said shadow mask being closer to said third plane of said stud than to
20 said second plane of said connecting arm.

1 32. (New) The assembly of claim 30, said suspending arm and said fixing arm
2 being parallel to said tube axis and perpendicular to said connecting arm.

1 33. (New) The assembly of claim 30, said connecting arm being one of U shaped,
2 wave shaped, and right angled relative to said fixing arm.

1 34. (New) The assembly of claim 30, said connecting arm having a characteristic
2 for absorbing vibration transmitted from both said panel and said mask frame and
3 offsetting said vibration.

1 35. (New) The assembly of claim 30, said bracket having a bent portion formed
2 between said connecting arm and any one of said suspending arm and said fixing portion.

1 36. (New) The assembly of claim 30, said connecting arm having a length of
2 about 5-40 mm.

1 37. (New) The assembly of claim 30, said suspending arm and said fixing arm
2 being spaced apart from each other by about 5-40 mm.

1 38. (New) The assembly of claim 30, said bracket having an opening formed
2 between free ends of said suspending arm and said fixing arm, said opening being
3 opposite to said connecting arm, said stud being disposed between said opening and said
4 connecting arm.
